

Succession Charter.

A Protocol For Institutional Immortality.

ARTICLE I: CHARTER PURPOSE AND SOVEREIGN MANDATE

This Charter defines the immutable, autonomous, and perpetual protocol for the succession of all critical governance and operational roles within the Ternary Logic (TL) framework.

The purpose of this Charter is to ensure the absolute continuity of the TL protocol, independent of any founder, individual, or organization. Its mechanisms are designed to guarantee the integrity of the Eight Pillars and the enforcement of the Three Mandates—principally **No Switch Off**—by eliminating human single-points-of-failure.

This document is not a guideline; it is a binding, sovereign-grade technical and legal specification. It exists to:

1. **Prevent Institutional Capture:** Ensure no state, corporate, or internal faction can gain control by coercing, compromising, or removing key-holders.
2. **Ensure Founder-Agnostic Continuity:** Institute an autonomous process for the orderly transition of authority, ensuring the system outlives its creators and any subsequent participants.
3. **Preserve Governance Independence:** Protect the tri-cameral governance structure (Council, Custodians, Treasury) from deadlock or collapse due to vacancies.
4. **Satisfy Systemic Obligations:** Provide verifiable, constitutional proof to global civic systems and regulatory bodies that TL cannot be compromised, "orphaned", or weaponized.

Succession is not a political event. It is an automated, auditable, and constitutional protocol.

ARTICLE II: GOVERNANCE BODY EVALUATION AND STRUCTURE

The tri-cameral governance model is the human layer of the system's immune response. Its structure is designed for resilience and anti-capture through the separation of powers.

Section 2.1: The Technical Council (The Protocol Stewards)

- **Mandate:** Protocol evolution, cryptographic security, and technical certification.
- **Size:** 9 Members.
- **Terms:** 3-year terms, staggered so that 3 seats are subject to renewal annually.
- **Rotation:** A member may serve a maximum of three (3) consecutive terms (9 years total), followed by a mandatory 3-year "cool-down" period.

- **Conflict of Interest:** No more than 2 members may be concurrently affiliated with the same primary corporation, university, or state entity.

Section 2.2: The Stewardship Custodians (The Mandate Guardians)

- **Mandate:** Ethical review, mandate enforcement, and anti-capture auditing. This body functions as a binding "ethical review board".
- **Size:** 11 Members.
- **Terms:** 4-year terms, staggered.
- **Rotation:** A member may serve a maximum of two (2) consecutive terms (8 years total), followed by a mandatory 4-year "cool-down" period.
- **Conflict of Interest:** No more than 2 members may be concurrently affiliated with the same primary entity.

Section 2.3: The Smart Contract Treasury (The Autonomous Fiduciary)

- **Mandate:** Autonomous, milestone-based funding.
- **Structure:** This is a non-human body, a suite of autonomous contracts. It has no "members" to succeed. Its *rules* are governed by the Council and Custodians, but its *actions* are autonomous.

Section 2.4: Voting Methods and Thresholds

All governance votes are recorded on-chain.

- **Quorum:** 75% of the body's active, non-recused membership is required for any vote to be valid.
- **Type 1 (Simple Majority >50%):** Routine operational matters.
- **Type 2 (Qualified Majority ≥66%):** Confirmation of new members; setting certification rules.
- **Type 3 (Supermajority ≥75%):** Major cryptographic upgrades; approval of new Treasury rules; *for-cause* removal of a member (see Article IV).

Section 2.5: Emergency Override Constraints

No governance body, nor any combination of bodies, possesses an "emergency" power that permits a violation of the **No Switch Off** mandate. Emergency procedures are limited exclusively to *continuity of operations* (e.g., emergency migration of governance contracts from a failing Anchor chain). A vote to "pause" or "halt" the system is technically and constitutionally void.

ARTICLE III: IMMUTABLE CONSTITUTIONAL BOUNDARIES

The governance bodies are subjects *under* this constitution; they are not its masters. Their powers are enumerated and strictly limited.

Section 3.1: Prohibited Actions

Governance may maintain, extend, and optimize TL. It cannot mutate TL. Any proposal, vote, or smart contract function call to alter, suspend, or reinterpret the following is *void ab initio*:

1. The Eight Pillars of Ternary Logic.
2. The triadic logic structure (\$+1, 0, -1\$).
3. The causal sequence: Epistemic Hold → Immutable Ledger → Goukassian Principle → Decision Logs → Hybrid Shield → Anchors → Governance
4. The Three Mandates: **No Spy, No Weapon, No Switch Off**.
5. The foundational Goukassian Principle.

This "substantive rigidity" is a core design principle, preventing the meta-constitutional conflicts that plague other systems.

Section 3.2: Technical Enforcement

These boundaries are not enforced by trust, but by code.

1. **Immutable Core Logic:** The core TL protocol logic is deployed via an immutable proxy contract. This contract *lacks any function* for `pause()`, `admin_kill()`, or `modify_pillars()`.
2. **Modular Facets:** Governance (voting, treasury rules, member registries) is managed via upgradable "facet" contracts, adhering to the Diamond Standard.
3. **The "No Switch Off" Enforcement:** Governance can vote to upgrade a *facet* (e.g., a new voting rule), but it *cannot* upgrade the core proxy. It is technically impossible for governance to vote to introduce a "switch off" function that does not, and cannot, exist in the immutable core.

ARTICLE IV: SMART CONTRACT SUCCESSION MECHANISMS

Succession is an on-chain, automated process managed by a dedicated suite of smart contracts. This architecture separates the *Role* (e.g., "Custodian Seat 7") from the *Person* (the key-holder).

Section 4.1: Required Smart Contracts

1. **Governance Contract:** An upgradable "facet" that encodes the logic from Article II (voting, quorum, terms).
2. **Role Registry Contract:** A canonical, on-chain registry mapping the 20 governance *Roles* (9 Council, 11 Custodian) to the public signing key currently holding that role.
3. **Dead-Man's Switch (DMS) Contract:** An autonomous contract requiring every key-holder in the Role Registry to send a 0-value "liveness" transaction (a "ping") at least once every 90 days. Failure to ping triggers an autonomous state change.

4. **Social Recovery Contract:** An "account abstraction" contract that defines the "guardians" for each role.
 - For a **Technical Council** role, the "guardians" are (1) the other 8 members of the Technical Council and (2) a 6-of-11 majority of the Stewardship Custodians.
 - For a **Stewardship Custodian** role, the "guardians" are (1) the other 10 members of the Stewardship Custodians and (2) a 5-of-9 majority of the Technical Council.

Section 4.2: Automatic Succession Triggers

A Role in the Registry is declared **Role_Vacant** by one of three triggers:

1. **Trigger 1 (Voluntary):** The incumbent key-holder signs a "Voluntary Resignation" message.
2. **Trigger 2 (Incapacity/Disappearance):** The **DMS Contract** fails to receive a 90-day liveness ping from a key-holder. The contract *autonomously* and *immediately* calls the Role Registry to declare that role **Role_Vacant**. The DMS interval may be adjusted by joint Type 2 vote, but may not exceed 180 days or fall below 30 days.
3. **Trigger 3 (For-Cause Removal):** A joint Type 3 ($\geq 75\%$) Supermajority vote of *both* the Technical Council and the Stewardship Custodians to declare a role vacant due to gross mandate violation, proven coercion, or loss of faculties.

Section 4.3: Key Rotation and Global Redundancy

1. **Handoff:** When a new member is confirmed (per Article VII), they generate a new public key. The "guardians" of that role (per Section 4.1) execute a multi-signature transaction on the **Social Recovery Contract** to assign the **Role_ID** to the new member's key. The former member's key becomes powerless. *The original key is never needed or transferred.*
2. **Anchoring:** This entire suite of succession contracts is deployed as an "Anchor" on a minimum of **five (5)** distinct, high-security, and jurisdictionally diverse public blockchains. Governance remains operational as long as **one** Anchor chain is live, enforcing the No Switch Off mandate through profound redundancy. Anchors must be deployed on chains spanning at least three distinct legal jurisdictions.

ARTICLE V: CUSTODY OF INSTITUTIONAL MEMORY

TL's institutional memory (its core documentation, specifications, and this Charter) must be as permanent as the protocol itself.

1. **Permaweb Deployment:** The canonical, authoritative versions of all core TL doctrine shall be deployed to a decentralized, permanent storage network (e.c., Arweave).
2. **Immutable Evidence:** This mechanism leverages a "pay-once, store-forever" model, creating a "collectively owned hard drive that never forgets". This ensures that the

Charter and Pillar definitions are perpetually accessible, immutable, and serve as the system's foundational evidentiary artifacts.

3. **Version Control:** Updates to doctrine (e.g., new technical specifications) require a governance vote, with the new version also being deployed to the permaweb, creating a fully auditable, permanent, and traceable history of the protocol's evolution. The Role Registry Contract (Article IV) shall hold the key with permission to *add* new documents to the TL permaweb archive.

ARTICLE VI: ANTI-CAPTURE AND ANTI-COERCION LAYER

This Charter is designed to make capture and coercion technically and economically non-viable.

1. **Protection from State/Corporate Coercion:** Capture requires the simultaneous compromise of a supermajority of *both* the 9-member Technical Council *and* the 11-member Stewardship Custodians. The geographic, institutional, and domain diversity of these 20 individuals, combined with staggered terms, makes simultaneous capture infeasible.
2. **Protection from Insider Sabotage:** No single founder or key-holder can act unilaterally.
 - **Malicious Proposal:** A rogue Council member cannot push a malicious upgrade without passing a Type 3 (Joint-Approval) vote, which would be vetoed by the Custodians (the "Three-Body Equilibrium").
 - **Key-Holder Ransom:** A rogue key-holder who is coerced or attempts to "go dark" to halt the system is rendered irrelevant. Their refusal to act triggers the 90-day **DMS Contract** (Trigger 2), their role is declared vacant, and the "guardians" (their peers) assign the role to a successor (Article IV).
3. **Audit Mechanisms:** All succession events, triggers, and votes are logged immutably to the TL Decision Log, providing a permanent, unchangeable record for audits and ensuring all actions are transparent.

ARTICLE VII: MULTI-STAGE SUCCESSION PROTOCOL

This defines the precise, reproducible workflow for succession.

- **Stage 1: Trigger Event**
A role is declared Role_Vacant by one of the three triggers defined in Article IV, Section 4.2 (Voluntary, Incapacity, or For-Cause). This is an autonomous, on-chain event.
- **Stage 2: Verification and Nomination**
The vacancy is immutably logged. The standing, independent Nominating Committee (composed of outgoing members and external experts) activates to source and vet qualified candidates based on the criteria in Article II.
- **Stage 3: Assignment of Authority (The Vote)**
The Nominating Committee presents a slate of 3-5 vetted candidates. The relevant body (Council or Custodians) votes. A new member is confirmed upon receiving a Type 2 (≥66%) Qualified Majority vote.

- **Stage 4: Handoff of Signing Keys**
The new member generates a key pair and submits the public key. The "guardians" of that role (as defined in the Social Recovery Contract) execute a multi-signature transaction to map the vacant Role_ID in the Role Registry Contract to the new member's key.
- **Stage 5: Stewardship Affirmation**
The new member's first on-chain action is to sign a transaction containing their public affirmation of this Charter and the Goukassian Principle. This action is logged, and their role becomes Role_Active.

Governance Diagram: Succession Protocol Flow

- **Phase 1: Trigger Logged**
 - Vacancy event recorded in Immutable Ledger
 - Automatic notification to Nominating Committee
- **Phase 2: Human Vetting**
 - Eligibility screening and integrity checks
 - Conflict-of-interest review
 - Shortlist finalized and entered into Ledger
- **Phase 3: Appointment Activation**
 - Council or Custodian vote (75% quorum)
 - Smart Contract verifies quorum + Ledger completeness
 - Appointment executed on-chain
 - Role keys transferred to new member

ARTICLE VIII: WORKED SCENARIOS (CRISIS SIMULATION)

This Charter's resilience is demonstrated by its response to critical failure modes.

- **Scenario 1: Sudden Incapacity (The "QuadrigaCX" Scenario)**
 - **Event:** A founder holding 3 critical Council keys is in a plane crash and presumed lost.
 - **Response:** The system does not halt. For 90 days, the roles remain active. On Day 91, the **DMS Contract** (Article IV) fails to receive 3 liveness pings. It *autonomously* declares all 3 roles Role_Vacant. The Nominating Committee convenes. Within weeks, 3 new members are vetted and confirmed by a Type 2 vote. The remaining Council members and Custodians act as "guardians" to assign the 3 roles to the 3 new keys via the **Social Recovery Contract**. Continuity is restored with zero downtime and without ever needing the founder's original keys.
- **Scenario 2: Coordinated Insider Attack & Coercion**

- **Event:** A state actor detains and coerces 5 of the 9 Technical Council members, forcing them to push a malicious upgrade violating the No Spy mandate.
- **Response:** The malicious proposal (a Type 3 change) is submitted. It fails to achieve the required 75% (7-of-9) supermajority, as 5 votes is only 55%. The attack fails.
- **Escalation:** The attacker compromises 7 members, passing the vote. The proposal is automatically sent to the 11-member Stewardship Custodians for Mandate Review. The Custodians, who are jurisdictionally and institutionally separate, identify the No Spy violation and **Veto** the proposal. The attack fails. The immutable log now shows a 7-member breach. The Custodians and 2 loyal Council members initiate a Type 3 (For-Cause) vote to remove the 7 compromised members, who are then replaced via the Article VII protocol.
- **Scenario 3: Long Decline / Founder Disappearance**
 - **Event:** A founder, disillusioned, "walks away". They do not formally resign; they simply disappear, refusing to participate.
 - **Response:** This is functionally identical to Scenario 1. The system is agnostic to the *reason* for inactivity. After 90 days, the **DMS Contract** triggers. The role is declared vacant and filled. The system heals itself, proving its anti-fragility and independence from its creator.

ARTICLE IX: LIMITS OF AUTHORITY

1. Immutable Pillars Governance bodies may interpret the Eight Pillars of TL but have no authority to redefine, alter, remove, or expand them. The Pillars are non-derogable and protected by smart-contract enforcement.

2. No Switch Off Neither the Technical Council nor the Stewardship Custodians, nor any combined supermajority, may suspend, disable, terminate, or extinguish Ternary Logic. This prohibition is absolute and autonomously enforced by the Smart Contract Treasury.

3. No Alteration of Continuity Mechanisms The Epistemic Hold, Immutable Ledger, Coukassian Principle, Decision Logs, Hybrid Shield, Anchors, and Succession architecture cannot be weakened, bypassed, or replaced by vote or internal agreement.

4. No Concentration of Control No governance body may assume unilateral authority or override the triadic checks embedded in TL's governance structure.

RECOMMENDED LEGAL PHRASING (PERMANENCE CLAUSE)

This clause is recommended for inclusion in all governance smart contracts and legal incorporation documents.

"The mandates, principles, and protocols defined in the Ternary Logic Succession Charter are foundational and perpetual. This Charter, and the Eight Pillars it protects, are defined as constitutionally immutable and are not subject to amendment, suspension, or reinterpretation by any governance body, vote, or emergency procedure. The smart contracts enforcing this Charter are designed to be autonomous, self-executing, and technically incapable of being halted, fulfilling the **No Switch Off** mandate. All participants, by interfacing with this protocol, acknowledge the supremacy of this Charter and the autonomous, non-negotiable, and permanent nature of the system's core logic."

FINAL EVALUATION

Query: Can Ternary Logic remain sovereign, incorruptible, and immortal under this Charter?

Answer: Yes.

Justification:

This Charter achieves the trifecta of resilience by shifting the locus of power from fallible humans to auditable, autonomous, and immutable code.

1. **Sovereignty:** Sovereignty is vested in the **Pillars** and the **Constitution**, not in the governance bodies. The bodies are servants of the protocol, and this Charter is their binding employment contract.
 2. **Incorruptibility:** The "Three-Body Equilibrium" (Technical, Ethical, Economic) and the Joint-Approval (Type 3) voting mechanism make unilateral capture impossible. It forces a "conspiracy of consensus" that is too public, too slow, and too complex to execute.
 3. **Immortality:** The system is rendered immortal by solving for human mortality. By separating the *role* from the *person* and implementing automated, on-chain succession triggers (DMS Contract) and key recovery (Social Recovery Contract), the Charter ensures that TL can survive the loss of *any* individual, or even its entire founding cohort, without interruption. It is designed, by default, to **No Switch Off**.
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Execution and Witnessing

Declaration Execution

Document: **Succession_Charter_Notarized.md**

Declarant: **Lev Goukassian**

Signature:



Date:

2025-11-13

ORCID: 0009-0006-5966-1243

Email: leogouk@gmail.com

Witness Requirements

Two witnesses attest that:

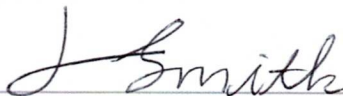
1. The declarant possessed full mental capacity at the time of signing.
2. The execution of this document was voluntary.
3. The identity of the declarant was verified.

Witness 1

Name:

Jalen Smith

Signature:



Date:

11/13/25

Relationship:

UPS Store Employee

Witness 2

Name:

Akouri Ekoué

Signature:



Date:

11/13/25

Relationship:

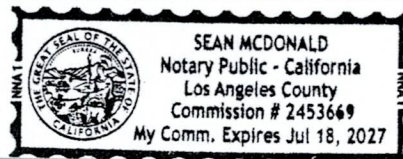
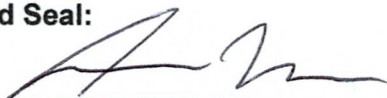
UPS Store Employee

Notarization

Notary Public:

Sean McDonald

Signature and Seal:



Date:

11/13/25

Commission Expires:

July 18, 2027

Chain of Custody Metadata

chain_of_custody:

document: Succession_Charter_Notarized.md

created_by: Lev Goukassian (ORCID: 0009-0006-5966-1243)

signed_at: 2025-11-12T14:00-08:00

notarized_at: 2025-11-12T15:00-08:00

file_hash: cae8a1791aa40ff141b2e2154c544beaccb35f655510c100856b31a17a463d5a

anchor_targets:

- Bitcoin (OpenTimestamps)
- Ethereum AnchorLog
- Polygon AnchorLog

repository: <https://github.com/FractonicMind/TernaryLogic>

version: 1.0.0-notarized

verification_method: sha256 + opentimestamps

2025-11-13 (L.G.)